

TITLE: TESTING ENDOSYMBIONT CELLULAR ORGANELLES
AND COMPOUNDS IDENTIFIABLE THEREWITH

Inventor: van Gemen et al.
Serial No.: Not Yet Assigned
Docket No.: 5189US

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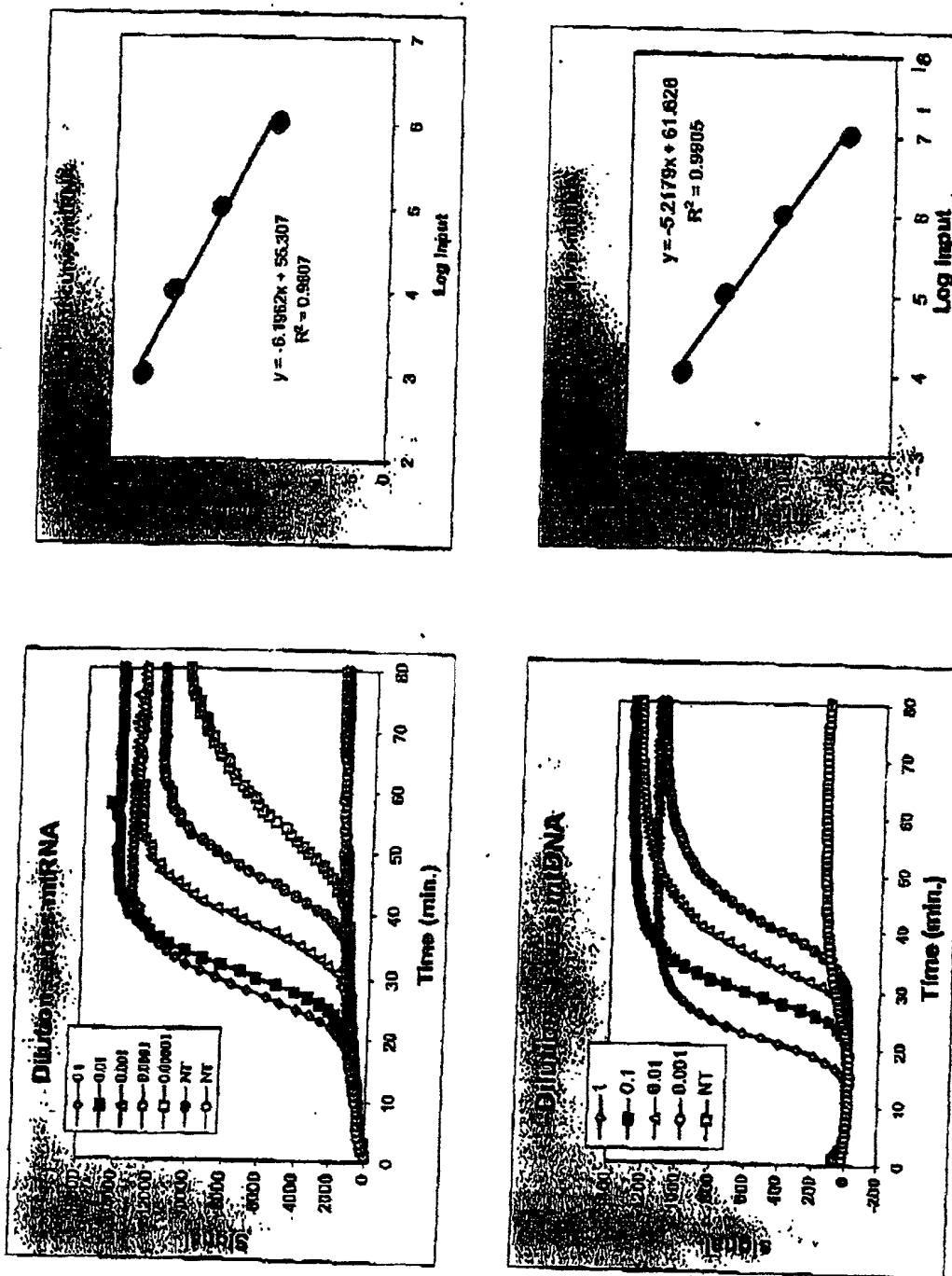


Figure 1

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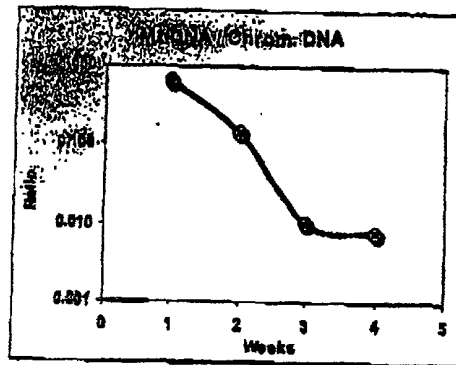


Figure 2

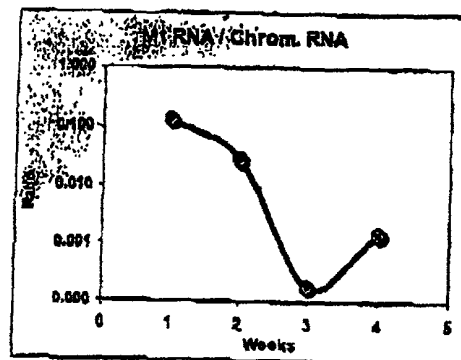


Figure 3

Pat. 6,000,000

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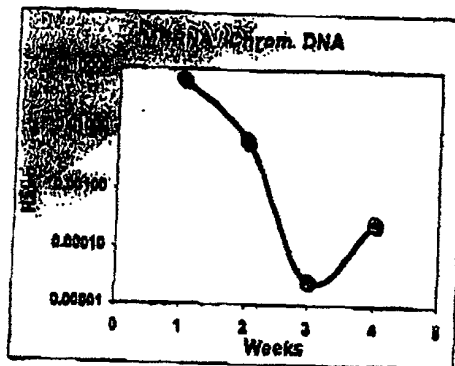


Figure 4

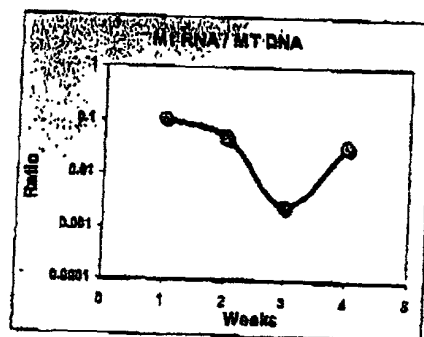


Figure 5

600950001

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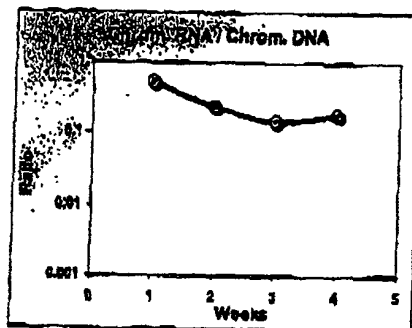


Figure 6

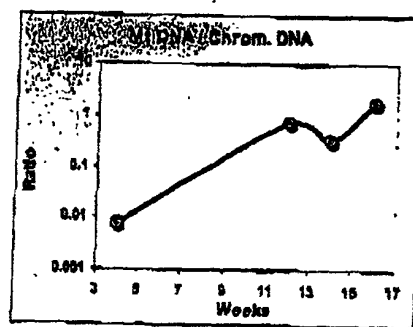


Figure 7

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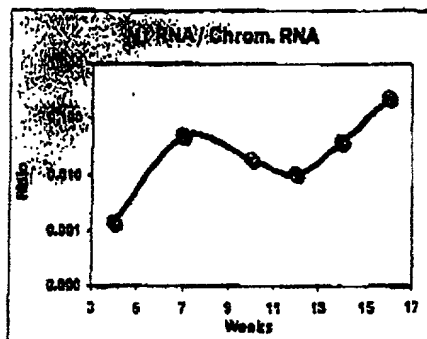


Figure 8

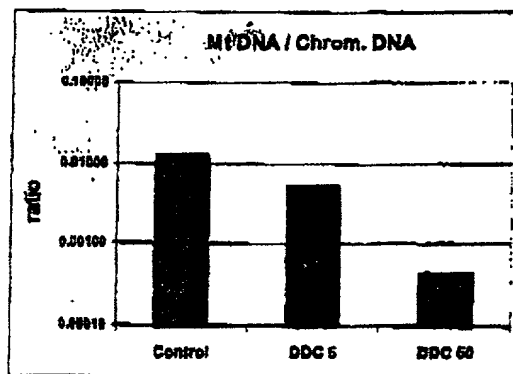


Figure 9

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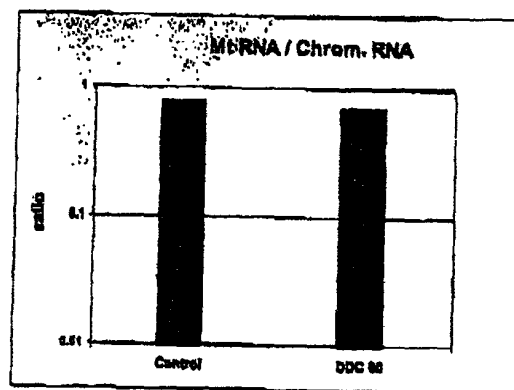


Figure 10

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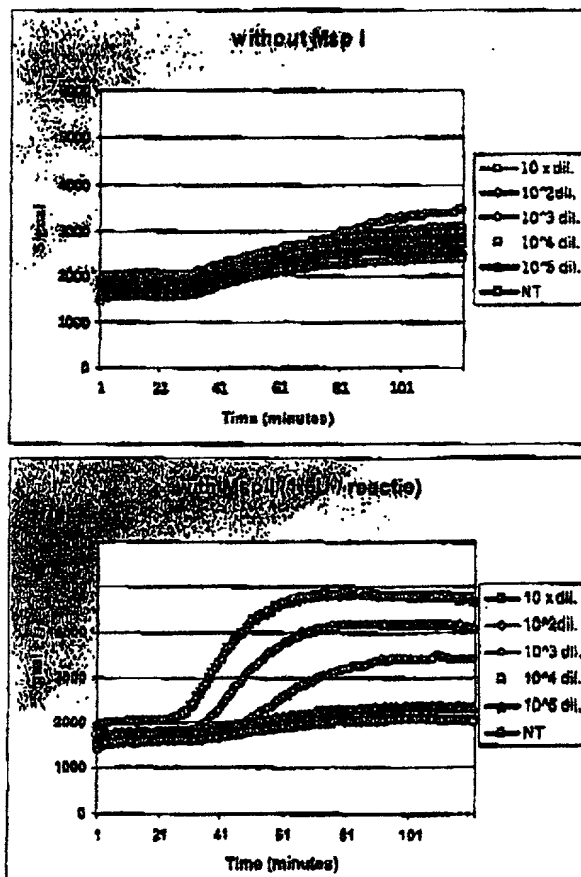
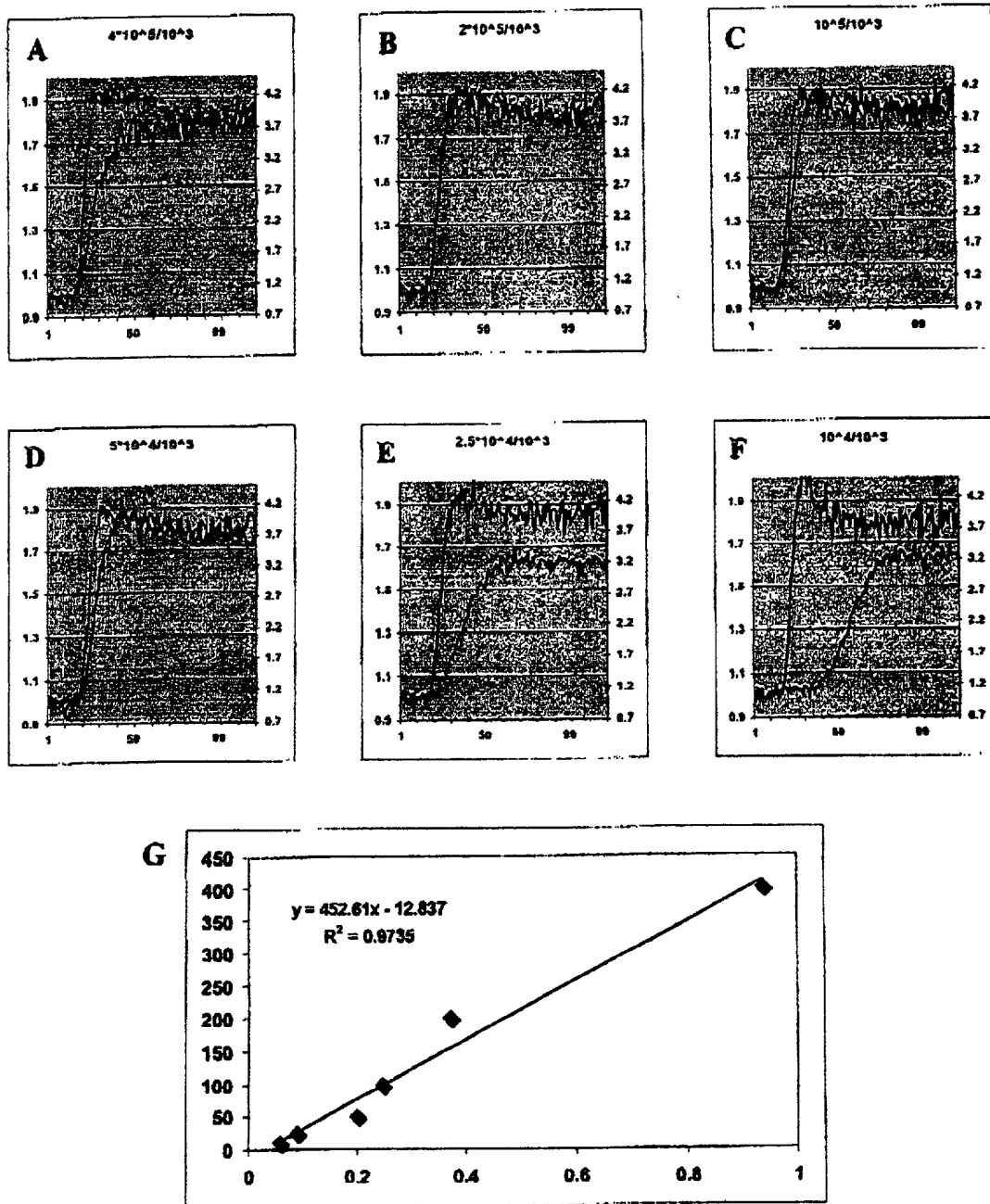


Figure 11.

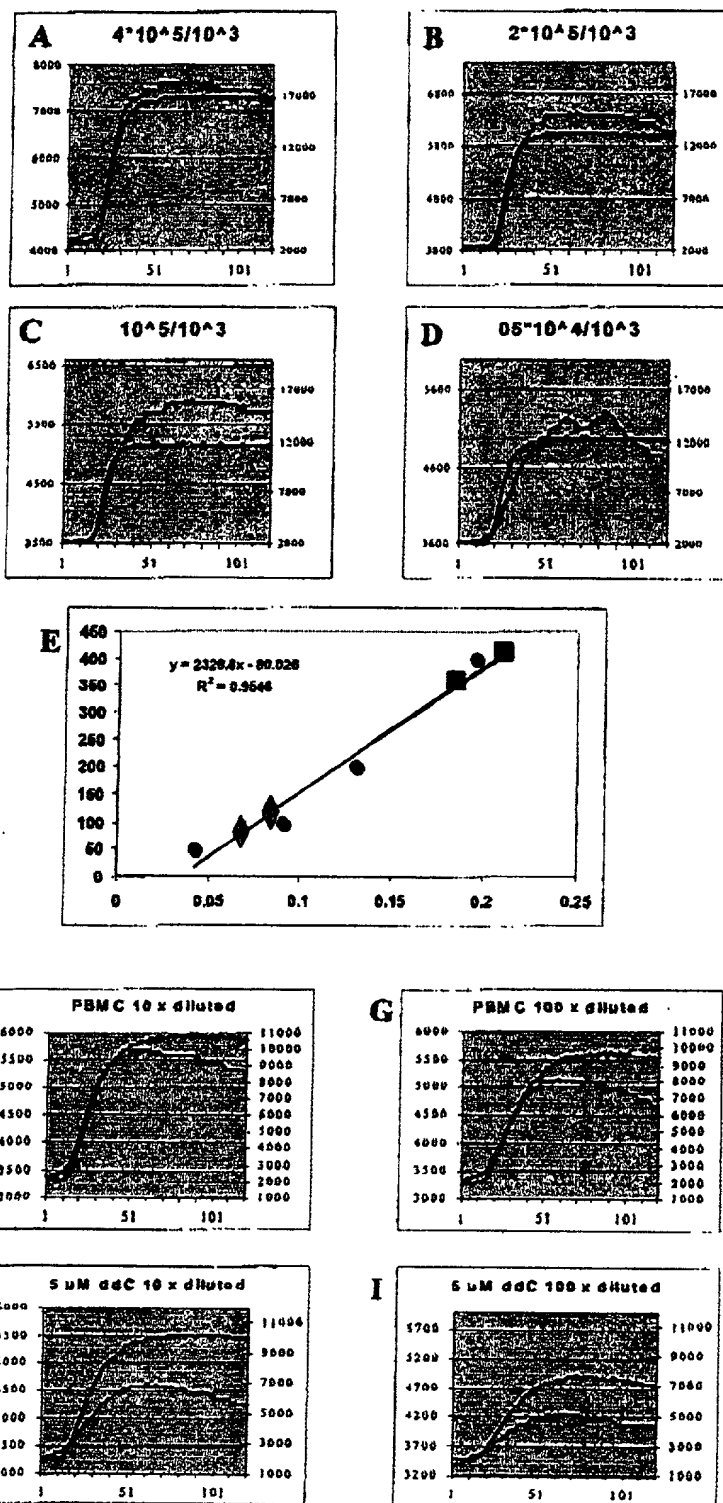
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Figure 12



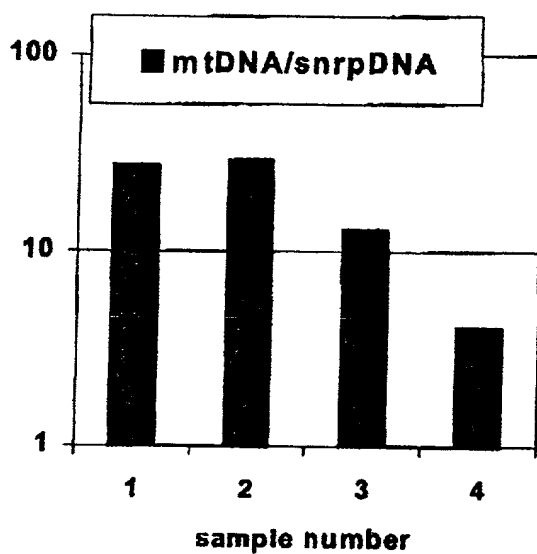
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Figure 13



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Figure 14



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Lactate acidose patient (H0224)

M10620 (H 0224)

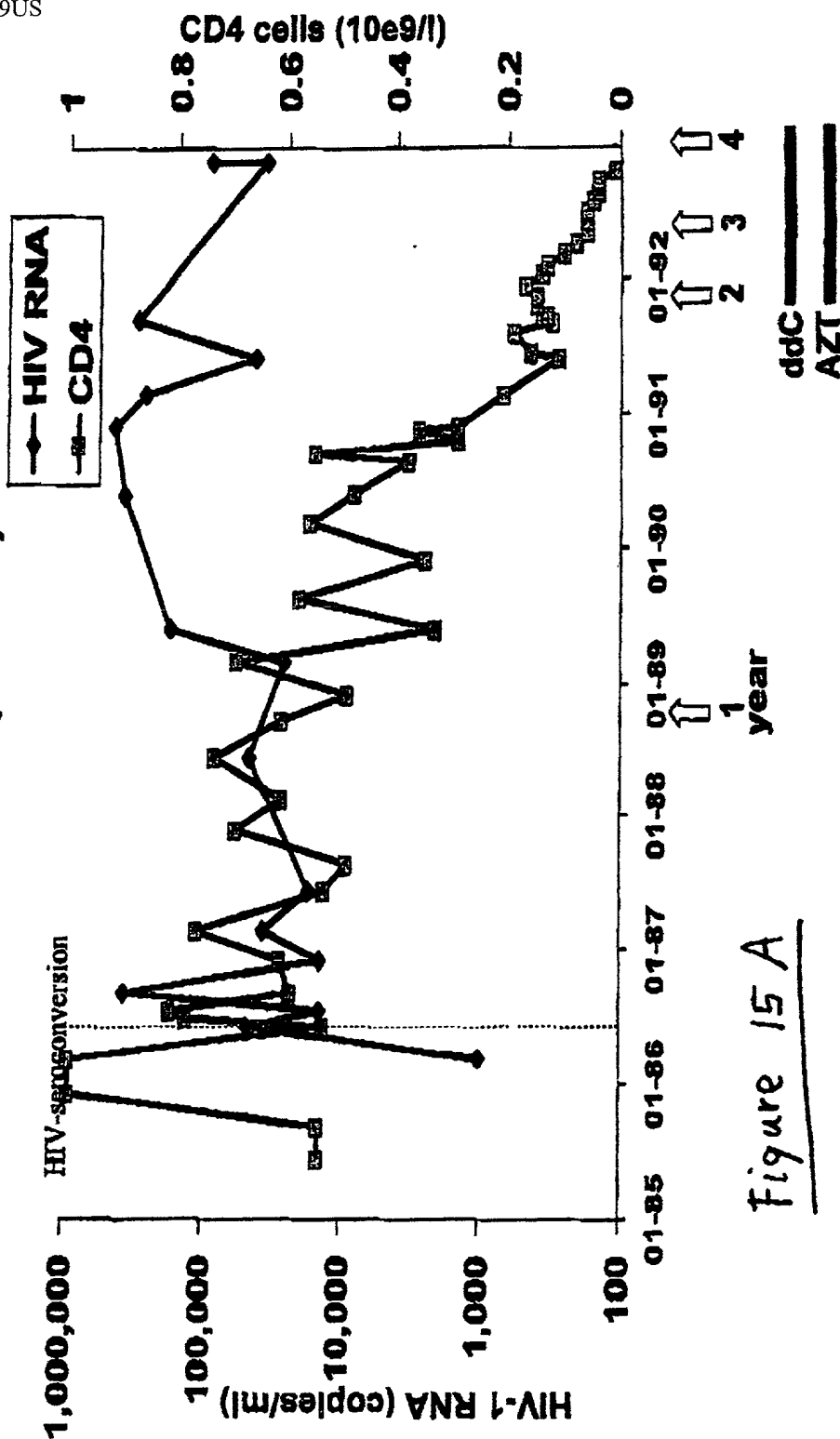


Figure 15 A

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Lactate acidose patient (H0224)

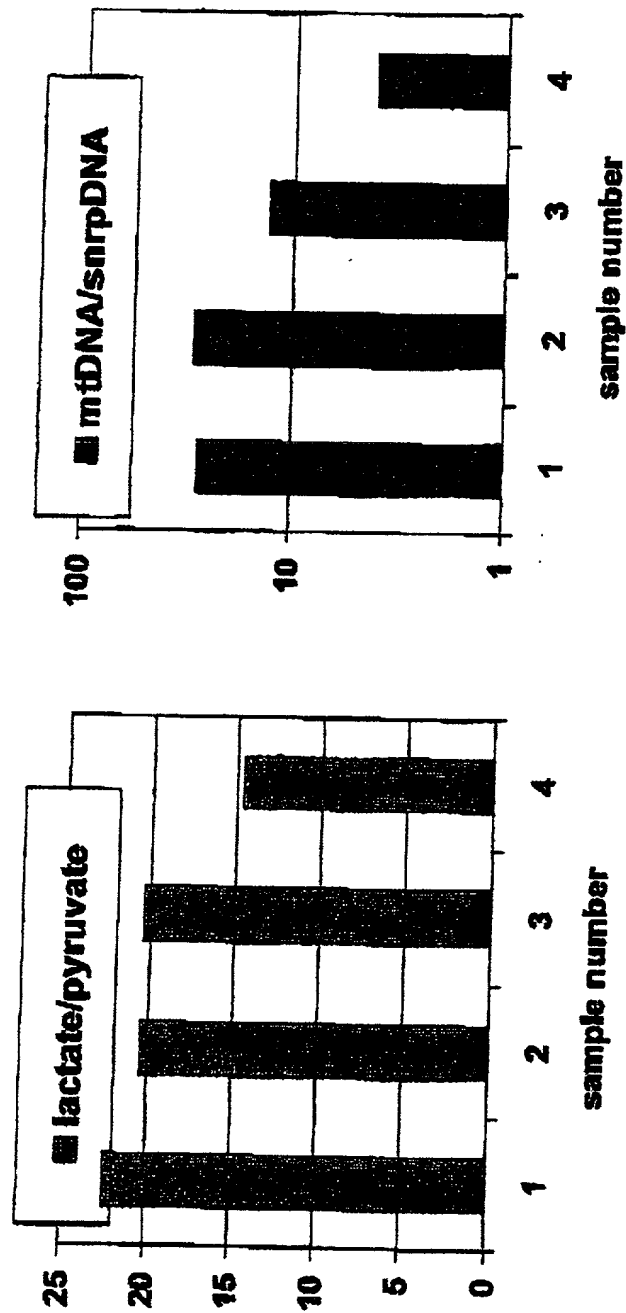
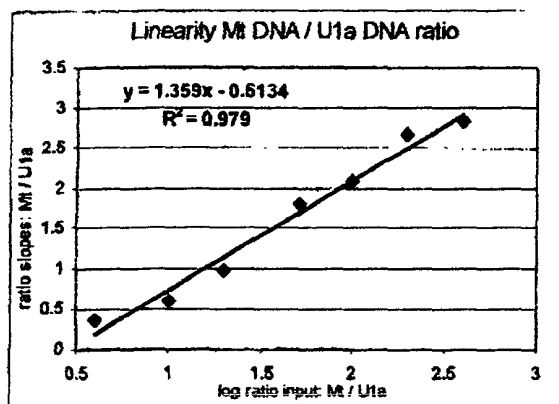
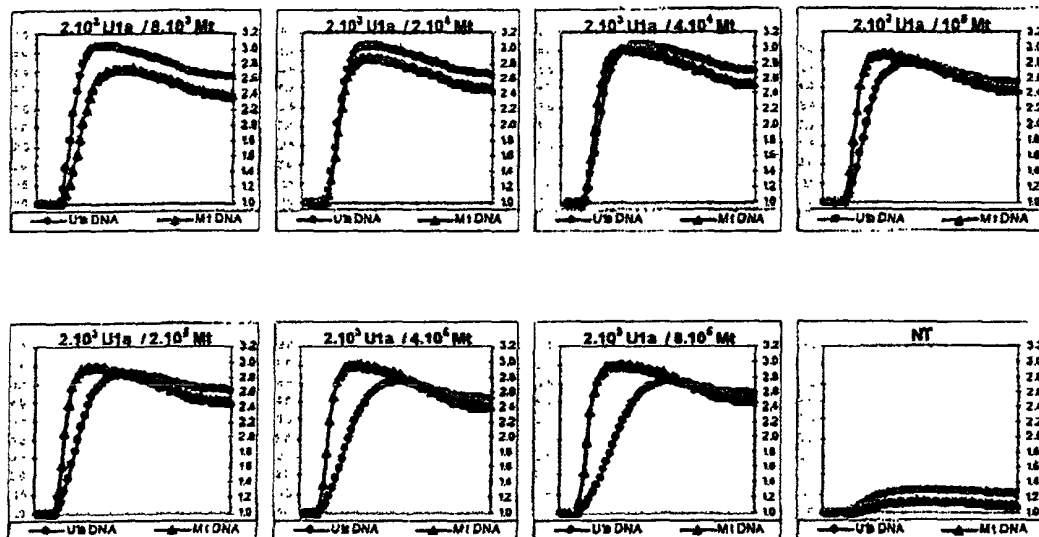


Figure 15 B

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Figure 16



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Figure 17

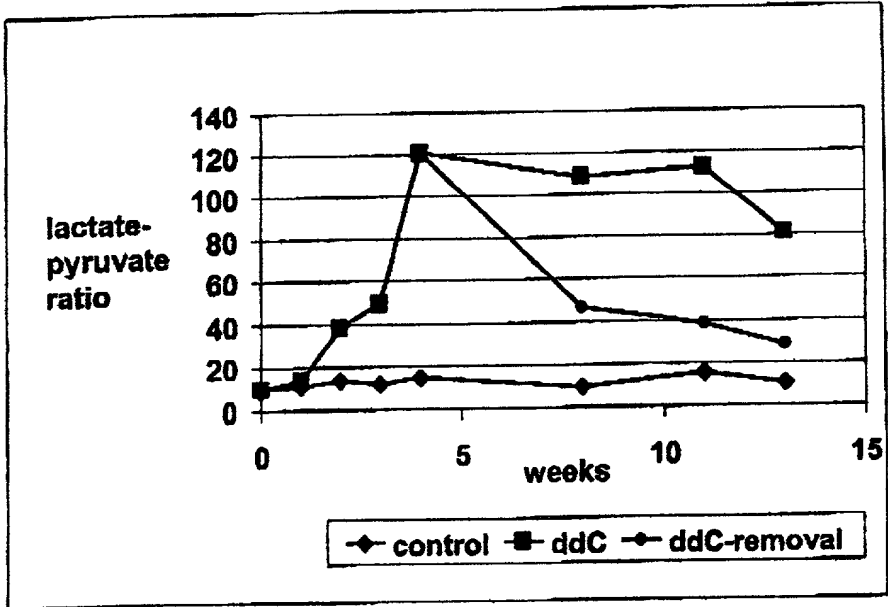
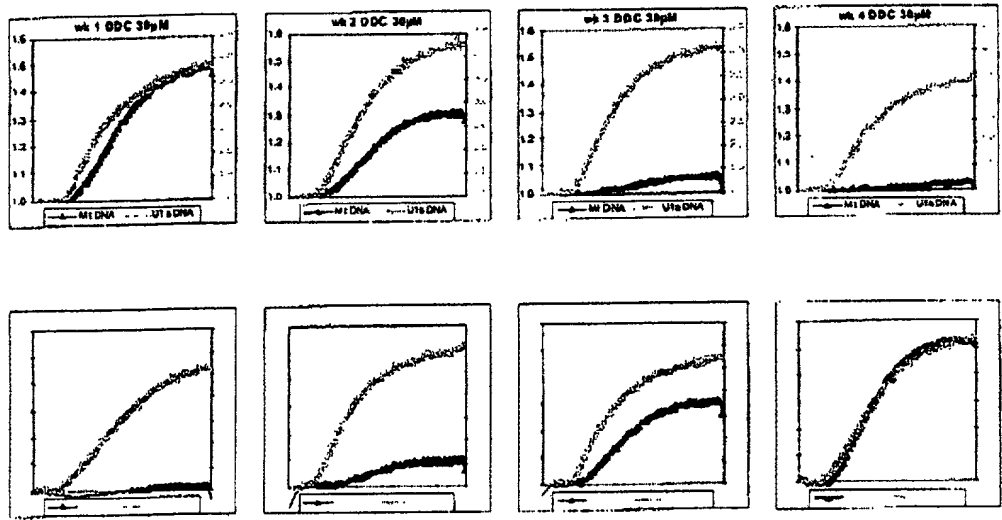
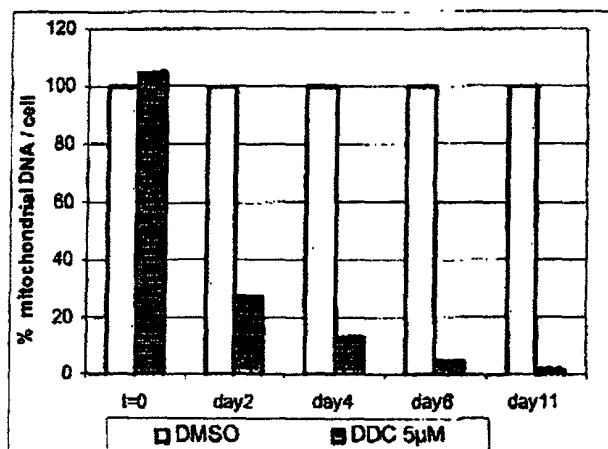


Figure 18



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Figure 19



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Significant decrease of mtDNA in PBMC

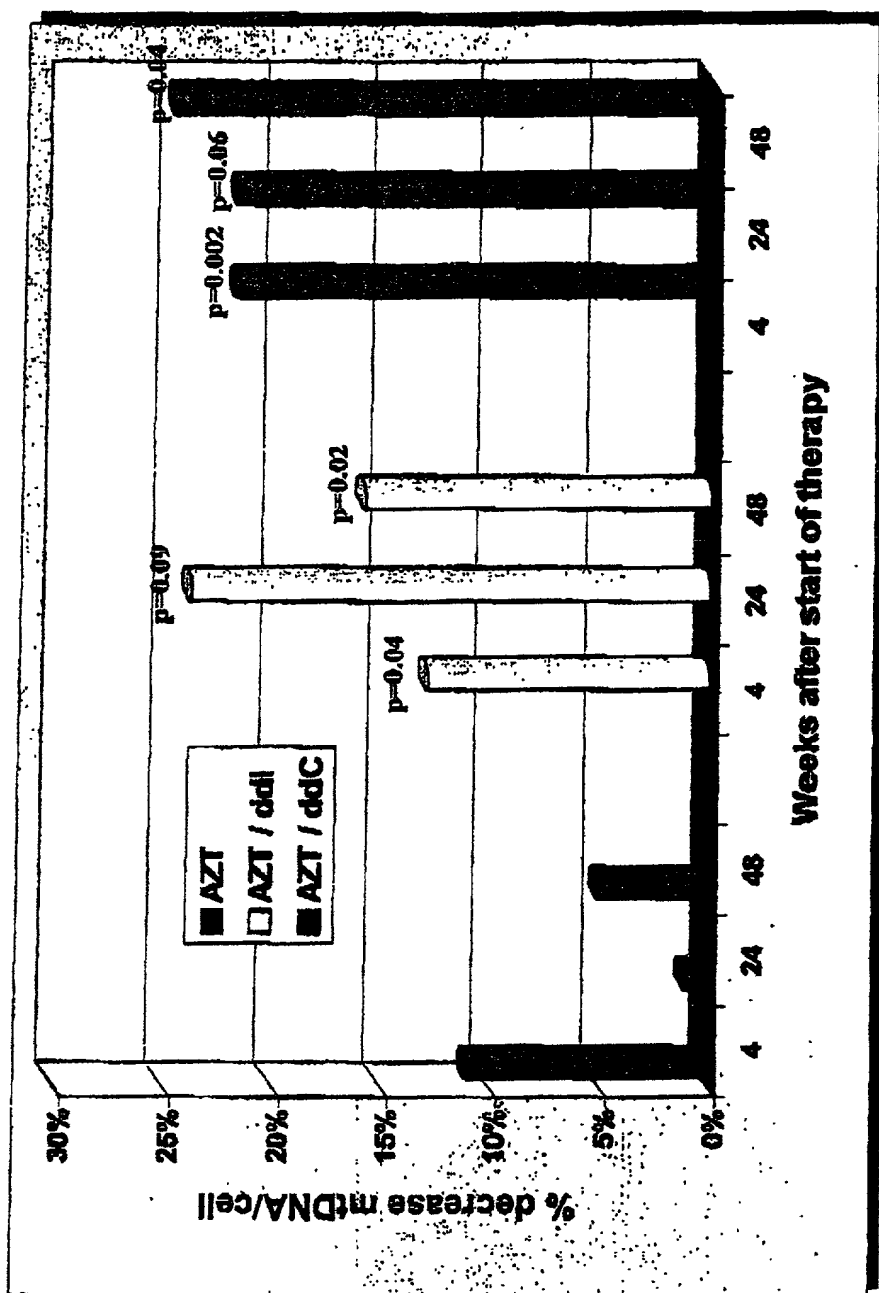


Figure 20

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Copies mtDNA/cell for three individual patients

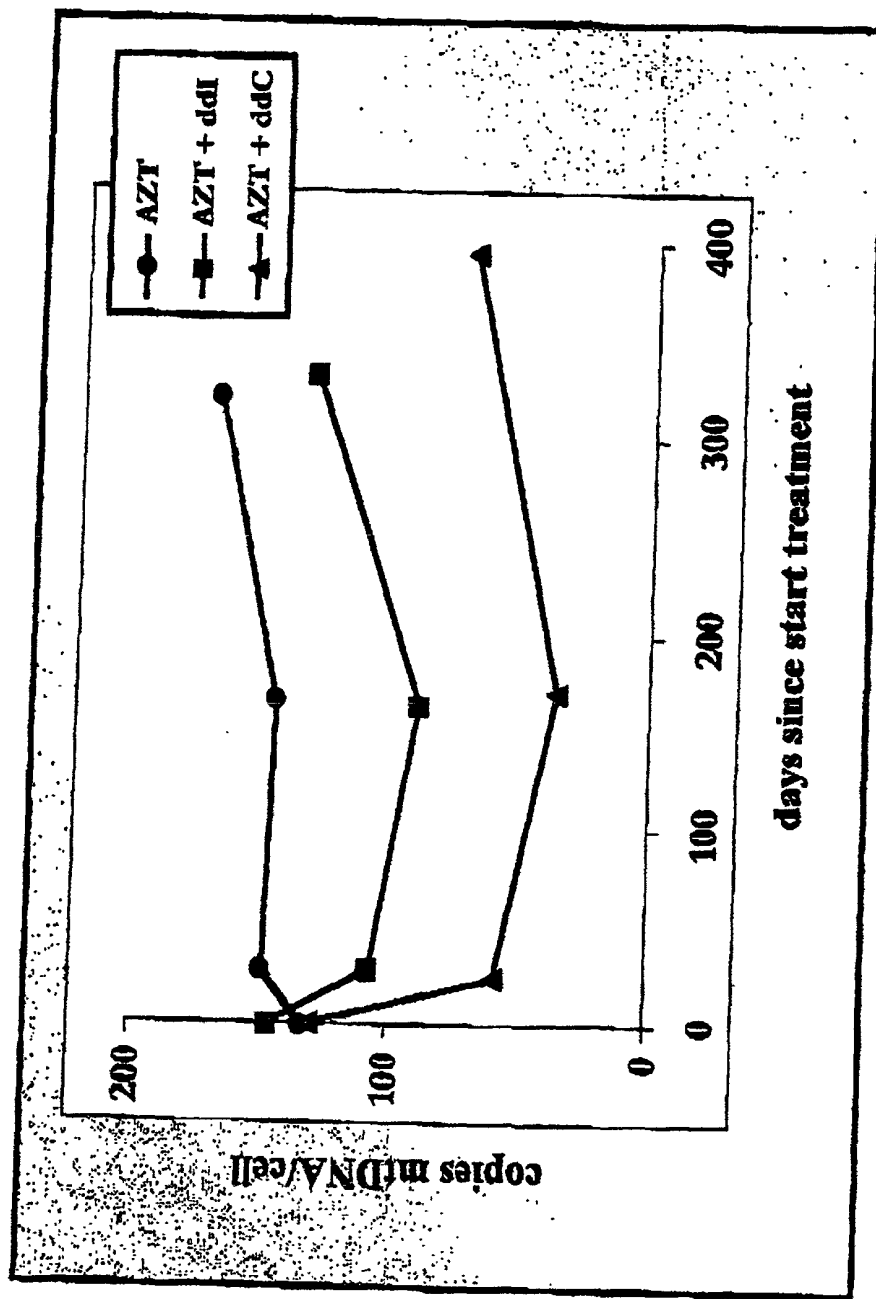


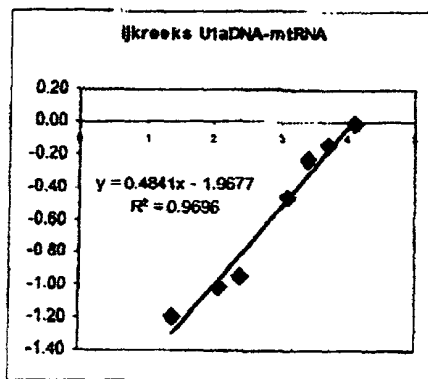
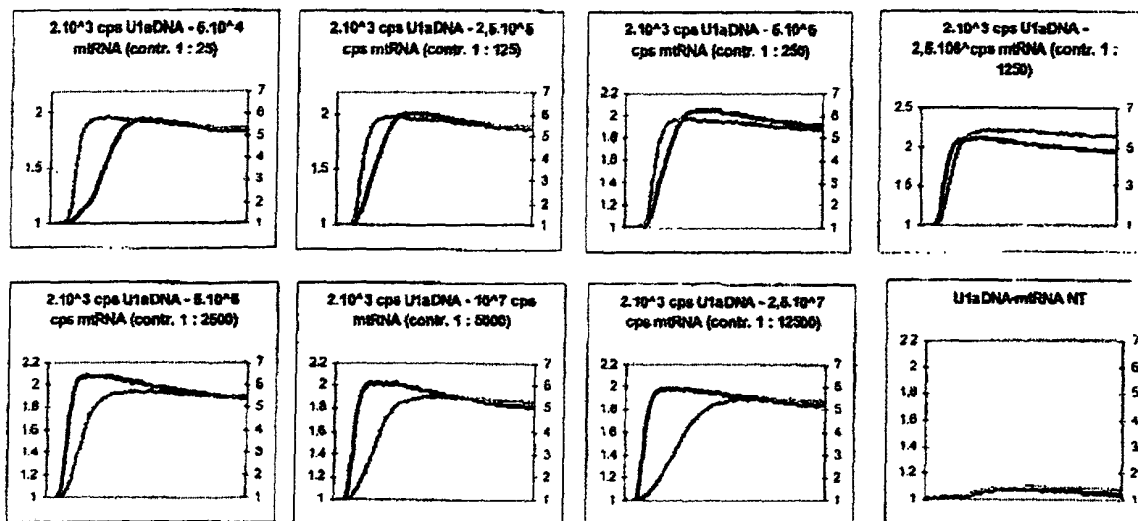
FIG. 21

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Figure 22



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mt RNA - n DNA duplex

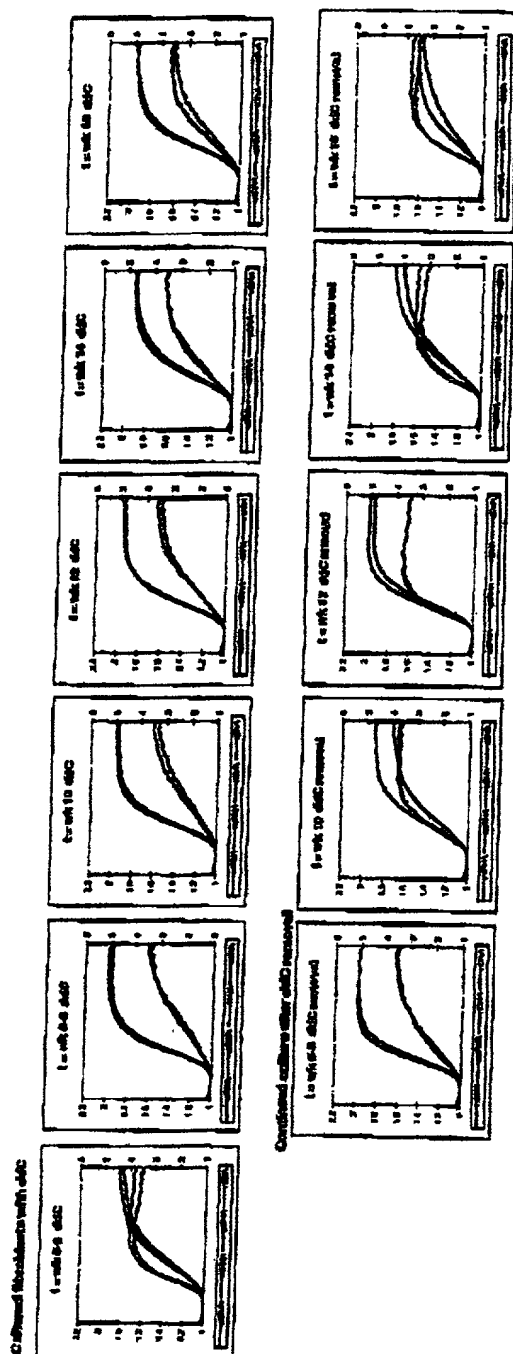
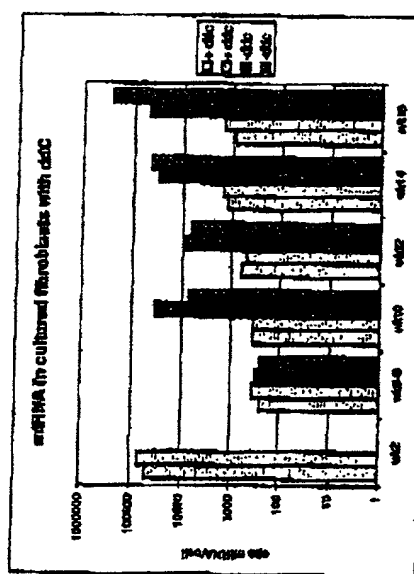


Figure 23



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Patent 6093001

Adverse effects of antiretroviral therapy

Percentage of patients changing ART because of adverse effects (results from the ATHENA-study in the Netherlands)

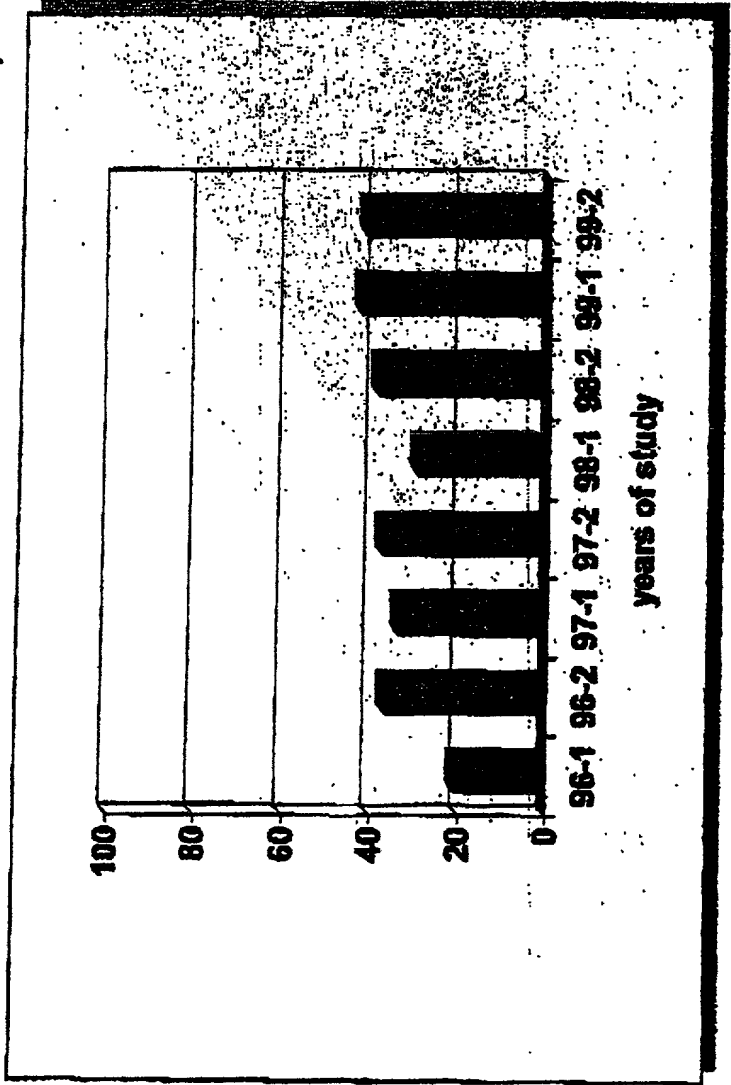


Figure 24

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DNA-NASBA amplification

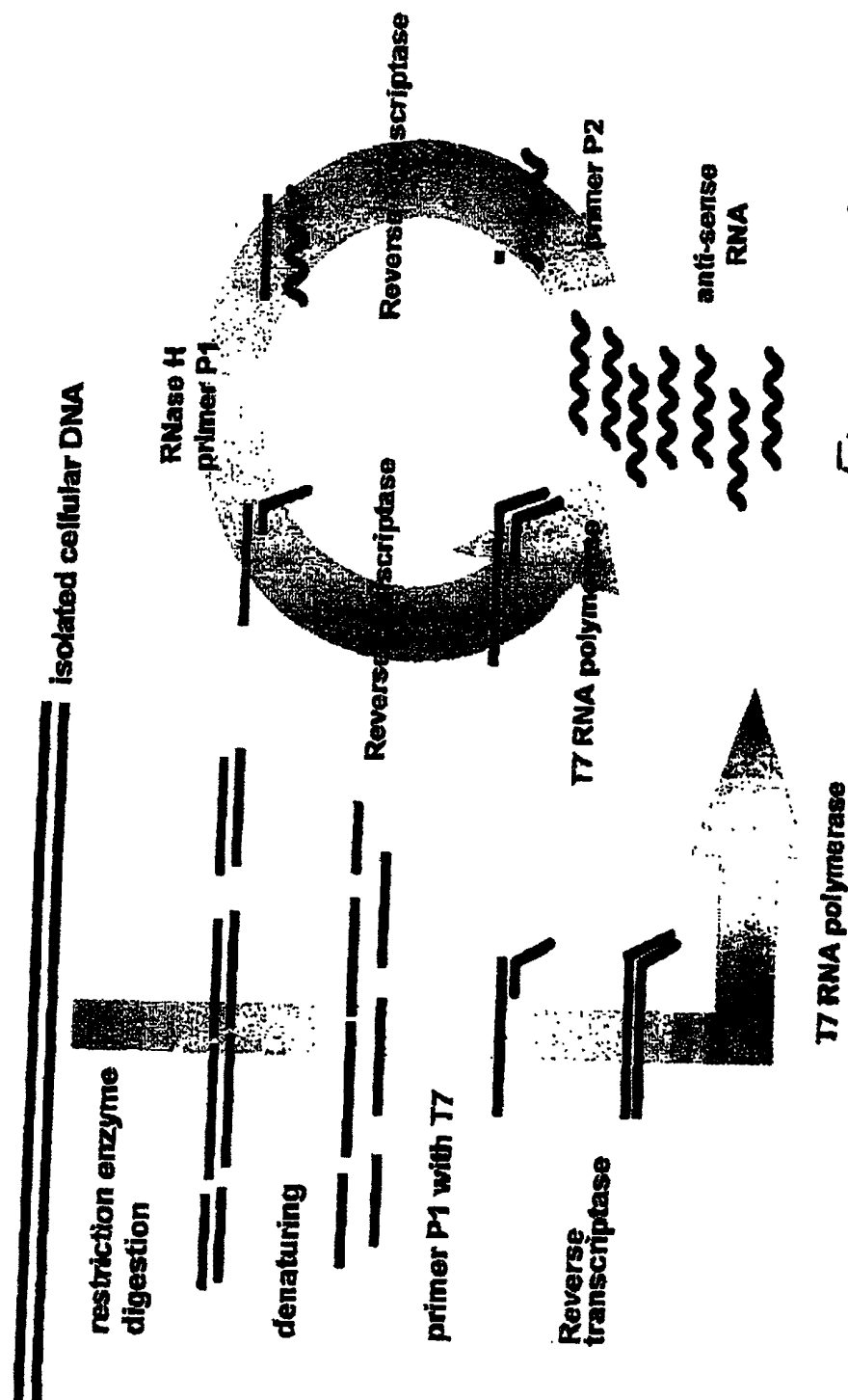


Figure 25

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Mitochondria

location of primers for NASBA

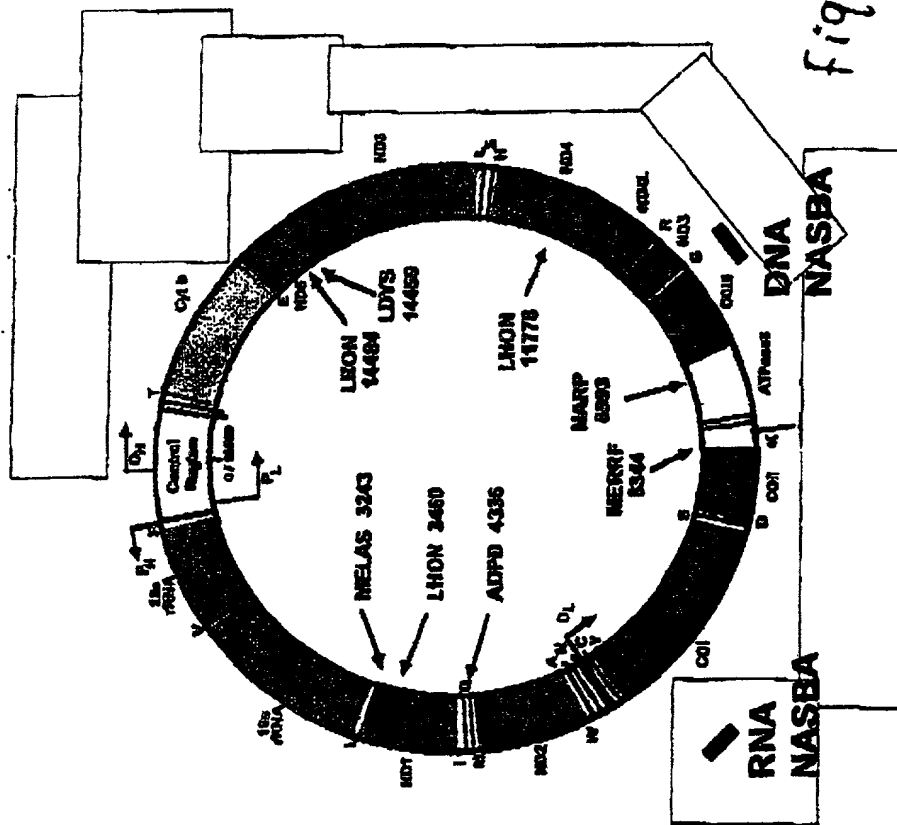


figure 26